

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1385	166/241.1,241.3,241.7,222,241.2, 241.4,241.5.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/21 18:37
L2	2748	366/312,325.2,308,249,254,66,195, 343.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/21 18:37
L3	557	175/263,319.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/21 18:37
L4	869	405/53,55.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/21 18:37
L5	1463	261/92.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/21 18:37
L6	875	416/140,44.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/21 18:37
L7	7890	L1 L2 L3 L4 L5 L6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/21 18:37
L8	29	L7 and (@pd>"20060311")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/21 18:37
S1	214	(166/241.1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/17 16:44

## EAST Search History

S2	41	(166/241.3).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2002/02/07 14:39
S3	83	(166/241.7).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2002/02/07 14:39
S4	179	(417/430).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2001/10/03 17:11
S5	209	(166/222).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2001/10/04 16:38
S6	8	rod and stabalizer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2001/10/04 09:31
S7	15770	rod and stabilizer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2001/10/04 09:31
S8	6	(rod and stabilizer) and centrifical	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2001/10/04 09:33
S9	789	(rod and stabilizer) and centrifugal	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2001/10/04 09:33
S10	166	rod same extend and ((rod and stabilizer) and centrifugal)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2001/10/04 09:39
S11	38	laterally with (raise or extend) with centrifugal	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2001/10/04 10:00
S12	235	(rod or arm) with (raise or extend) with centrifugal	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2001/10/04 10:12
S13	1	BE-782447-\$.DID.	DERWENT	OR	OFF	2001/10/04 10:01

## EAST Search History

S14	117	(rod or arm) with (raise or extend) and (stabilizer or centrizer) and (well-bore or wellbore or borehole or bore-hole)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2001/10/04 10:16
S15	2	(rod or arm) with (raise or extend) with (stabilize or centrize) and (well-bore or wellbore or borehole or bore-hole)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2001/10/04 10:16
S16	362	(366/312).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2001/10/04 10:36
S17	165	(366/325.2).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2001/10/04 10:42
S18	77	(366/308).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2001/10/09 10:05
S19	89	(366/249).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2001/10/04 10:53
S20	29	(366/254).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2001/10/04 11:02
S21	831	(261/92).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2001/10/04 10:56
S22	423	(416/140).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2001/10/04 11:20
S23	132	(366/66).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2001/10/04 11:24

## EAST Search History

S24	186	(366/195).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2001/10/04 11:32
S25	681	(366/343).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2001/10/04 11:46
S26	60	("0427963"   "0579055"   "1159080"   "2092353"   "2161508"   "2577802"   "3011768"   "3166303"   "3223389"   "3326533"   "3333831"   "3455540"   "3456923"   "3559962"   "3972512"   "3991983"   "4396291"   "4981367"   "5073033"   "5489151"   "5676463"   "5938325"   "5941636").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2001/10/04 11:47
S27	17	("0364059"   "1435289"   "1447653"   "1827004"   "1841435"   "3132850"   "3223389"   "3559962").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2001/10/04 11:50
S28	15	"3559962".URPN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2001/10/04 11:50
S29	6	"1447653".URPN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2001/10/04 11:51
S30	6	"4396291".URPN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2001/10/04 12:26
S31	17	("1179637"   "2115956"   "2697195"   "3068186"   "3223389").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2001/10/04 12:26
S32	10	"3455540".URPN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2001/10/04 12:27
S33	15	"3559962".URPN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2001/10/04 12:27

## EAST Search History

S34	7	("1227671"   "3223389"   "3455540").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2001/10/04 12:28
S35	2	"1227671".URPN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2001/10/04 12:28
S36	147	(416/44).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2001/10/04 13:09
S37	30	("1423511"   "1577502"   "1635769"   "2416178"   "2613786"   "2780966"   "3016217"   "3117726"   "4534803"   "4776761"   "6027309").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2001/10/04 13:07
S38	14471	cavity with tool	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2001/10/04 13:10
S39	6	cavity adj subsurface and (cavity with tool)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2001/10/04 13:12
S40	53	(166/104).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2001/10/04 13:14
S41	73	(rat adj hole) and pump	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2001/10/04 13:15
S42	122	("1892217"   "2085115"   "2447827"   "2483370"   "2651370"   "2730176"   "2894724"   "3405770"   "3520362"   "3743017"   "3754598"   "3923099"   "4001773"   "4015662"   "4058163"   "4121895"   "4342364"   "4432078"   "4449892"   "4469175"   "4614232"   "4624306"   "4702315"   "4775016"   "4817712"   "4923376"   "5135051"   "5147535"   "5159160"   "5282508"   "5309405"   "5319610"   "5323855"   "5417281"   "5515918"   "5582247"   "5839508"   "6094401").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2001/10/04 13:25

## EAST Search History

S43	49	(166/241.2).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2001/10/04 13:55
S44	97	(166/241.4).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2001/10/04 13:57
S45	87	(166/241.5).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2001/10/04 13:57
S46	53	(166/104).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2001/10/04 14:47
S47	3	("5494121").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2001/10/04 15:04
S48	3	"5494121".URPN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2001/10/04 15:07
S49	29	("0054144"   "0639036"   "1189560"   "1285347"   "1467480"   "1485615"   "4116012"   "5148875"   "5174374").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2001/10/04 15:00
S50	145	(175/319).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2001/10/04 15:04

## EAST Search History

S51	406	("0054144"   "0274740"   "0526708"   "0639036"   "1189560" "1285347"   "1467480"   "1485615"   "1674392"   "1777961" "2018285"   "2069482"   "2150228"   "2169718"   "2335085" "2450223"   "2490350"   "2679903"   "2726063"   "2780018" "2847189"   "2911008"   "2980142"   "3347595"   "3443648" "3503377"   "3528516"   "3530675"   "3681011"   "3692041" "3757877"   "3800830"   "3809519"   "3828867"   "3874413" "3902322"   "3934649"   "3957082"   "3961824"   "4037658" "4073351"   "4089374"   "4116012"   "4156437"   "4160510" "4189184"   "4220203"   "4221433"   "4257650"   "4278137" "4295785"   "4299295"   "4312377"   "4317492"   "4366988" "4372398"   "4390067"   "4396076"   "4397360"   "4401171" "4407376"   "4444896"   "4494010"   "4512422"   "4527639" "4532986"   "4544037"   "4558744"   "4566252"   "4600061" "4605076"   "4611855"   "4618009"   "4638949"   "4674579" "4702314"   "4715400"   "4763734"   "4830105"   "4842061" "4852666"   "4978172"   "5016710"   "5035605"   "5036921" "5074360"   "5074365"   "5074366"   "5111893"   "5135058" "5148875"   "5168042"   "5174374"   "5197553"   "5197783" "5199496"   "5201617"   "5217076"   "5240350"   "5242017" "5246273"   "5255741"   "5271472"   "5301760"   "5363927" "5385205"   "5402851"   "5411085"   "5411104"   "5450902" "5454410"   "5462116"   "5469155"   "5485089"   "5494121" "5501173"   "5501279"   "5584605"   "5615739"   "5658347" "5669444"   "5690390"   "5706871"   "5720356"   "5785133" "5832958"   "5853054"   "5868202"   "5868210"   "5879057" "5917325"   "5934390"   "5957539"   "6024171").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/21 22:28
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## EAST Search History

S52	266	175/263	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2001/10/09 11:31
S53	34	(166/255.2).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2001/10/04 16:38
S54	427	(405/53).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2001/10/09 10:21
S55	7	"3636976".URPN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2001/10/09 10:18
S56	5	("2657826"   "2372678").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2001/10/09 10:20
S57	1	"4253490".URPN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2001/10/09 10:20
S58	15	("2996073"   "3631880"   "3636976"   "3946758"   "4107052").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2001/10/09 10:20
S59	204	(405/55).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2001/10/09 10:21
S60	153	(175/263).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2001/10/09 11:32
S61	2	"4616720".URPN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2001/10/09 11:37
S62	7	("2910274"   "3038710"   "3336989").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2001/10/09 11:37



## EAST Search History

S63	1	"3236320".URPN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2001/10/09 11:38
S89	48	((("0054144") or ("0130442") or ("0274740") or ("0526708") or ("0639036") or ("1189360") or ("1285347") or ("1467480") or ("1485615") or ("1674392") or ("1777961") or ("2033521") or ("2069482") or ("2150228") or ("2169718"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/26 22:37
S90	40	((("2335085") or ("2490350") or ("2679903") or ("2726063") or ("2783018") or ("2847189") or ("2911008") or ("2980142") or ("3107731") or ("3347595") or ("3443648") or ("3473571") or ("3503377") or ("3528516") or ("3684041"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2002/05/02 13:05
S91	4	"9421889"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2002/05/02 13:06
S99	2	("6412556").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/23 23:54
S100	2	("3747842").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/11/26 18:21

# EAST Search History

S10 1	178	("0054144"   "0130442"   "0274740"   "0526708"   "0639036"   "1189360"   "1230666"   "1285347"   "1467480"   "1485615"   "1674392"   "1777961"   "2018285"   "2033521"   "2069482"   "2150228"   "2169718"   "2335085"   "2450223"   "2490350"   "2679903"   "2726063"   "2783018"   "2847189"   "2911008"   "2980142"   "3107731"   "3236320"   "3347595"   "3443648"   "3473571"   "3503377"   "3528516"   "3530675"   "3684041"   "3692041"   "3757876"   "3757877"   "3800830"   "3809519"   "3828867"   "3874413"   "3902322"   "3934649"   "3957082"   "3961824"   "4037658"   "4073351"   "4089374"   "4116012"   "4156437"   "4169510"   "4189184"   "4220203"   "4221433"   "4257650"   "4278137"   "4296785"   "4299295"   "4312377"   "4317492"   "4366988"   "4372398"   "4390067"   "4396076"   "4397360"   "4401171"   "4407376"   "4442896"   "4494616"   "4512422"   "4527639"   "4532986"   "4544037"   "4558744"   "4565252"   "4600061"   "4605076"   "4611855"   "4618009"   "4638949"   "4674579"   "4702314"   "4715440"   "4763734"   "4830105"   "4842081"   "4852666"   "4978172"   "4981367"   "5016710"   "5035605"   "5036921"   "5074360"   "5074365"   "5074366"   "5111893"   "5135058"   "5148875"   "5168942"   "5174374"   "5197553"   "5197783"   "5199496"   "5201817"   "5217076"   "5240350"   "5242017"   "5246273"   "5255741"   "5271472"   "5301760"   "5363927"   "5385205"   "5402851"   "5411085"   "5411104"   "5450902"   "5454419"   "5462116"   "5469155"   "5485089"   "5494121"   "5501273"   "5501279").PN. OR ("5584605"   "5613425"   "5615739"   "5659347"   "5669444"   "5690390"   "5706871"   "5720356"   "5785133"   "5832958"   "5853054"   "5868202"   "5868210"   "5879057"   "5917325"   "5934390"   "5957539"   "6024171").PN. OR ("6417556") IIRPN	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/26 20:03
7/21/2006 6:38:28 PM		C:\Documents and Settings\stephen\My Documents\EAST\workspaces\10687362.wsp				Page 10

## EAST Search History

S10 2	97	agitator and ("166"/\$.ccls.) and pump	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/26 20:04
S10 3	6	("2662486").URPN.	USPAT	OR	ON	2004/11/26 20:29
S10 4	7	("1230666").URPN.	USPAT	OR	ON	2004/11/26 21:29
S10 5	5	("3378069").URPN.	USPAT	OR	ON	2004/11/26 21:58

## EAST Search History

S10 6	163	("0054144" "0130442" "0274740" "0526708" "0639036" "1189560" "1230666" "1285347" "1467480" "1485615" "1674392" "1777961" "2028285" "2033521" "2069482" "2150228" "2169718" "2335085" "2450223" "2490350" "2679903" "2726063" "2783018" "2847189" "2911008" "2980142" "3107731" "3236320" "3347595" "3443648" "3473571" "3503377" "3528516" "3530675" "3684041" "3692041" "3757876" "3757877" "3800830" "3809519" "3828867" "3874413" "3902322" "3934649" "3957082" "3961824" "4037658" "4073351" "4089374" "4116012" "4156437" "4169510" "4189184" "4220203" "4221433" "4257650" "4278137" "4296785" "4299295" "4312377" "4317492" "4366988" "4372398" "4390067" "4396076" "4397360" "4401171" "4407376" "4442896" "4494616" "4512422" "4527639" "4532986" "4544037" "4558744" "4565252" "4600061" "4605076" "4611855" "4618009" "4638949" "4674579" "4702314" "4715440" "4763734" "4830105" "4842081" "4852666" "4978172" "4981367" "5016710" "5035605" "5036921" "5074360" "5074365" "5074366" "5111893" "5135058" "5148875" "515168942" "5174374" "5197553" "5197783" "5199496" "5201817" "5217076" "5240350" "5242017" "5246273" "5255741" "5271472" "5301760" "5363927" "5385205" "5402851" "5411085" "5411104" "5450902" "5454419" "5462116" "5469155" "5485089" "5494121" "5501273" "5501279" "5584605" "5613425" "5615739" "5659347" "5669444" "5690390" "5706871" "5720356" "5785133" "5832958" "5853054" "5868202" "5868210" "5879057" "5917325" "5934390" "5957539" "6024171" "5018285" "6412556" "6454000" "2290502" "3339647" "4887668" "5402856" "5722489" "6227312" "6378626" "1589508" "3087552" "4158388" "4243099" "4549630" "5348091" "5413183" "6082461" "6217260" "6494272"). PN.	USPAT	OR	ON	2004/11/26 22:03
S10 7	3	("4151880" "6644422" "20020070052").PN.	US-PGPUB; USPAT	OR	ON	2004/11/26 22:09

## EAST Search History

S108	0	S106 and S107	US-PGPUB; USPAT	OR	ON	2004/11/26 22:09
S109	1333	166/241.1,241.3,241.7,222,241.2, 241.4,241.5.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/26 22:38
S110	281	417/430.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/26 22:39
S111	2719	366/312,325.2,308,249,254,66,195, 343.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/26 22:40
S112	548	175/263,319.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/26 22:41
S113	850	405/53,55.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/26 22:41
S114	1458	261/92.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/26 22:41
S115	861	416/140,44.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/11/26 22:41
S116	1346	166/241.1,241.3,241.7,222,241.2, 241.4,241.5.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/20 13:20
S117	2737	366/312,325.2,308,249,254,66,195, 343.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/20 13:20

## EAST Search History

S11 8	550	175/263,319.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/20 13:20
S11 9	857	405/53,55.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/20 13:20
S12 0	1460	261/92.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/20 13:20
S12 1	866	416/140,44.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/20 13:20
S12 2	7809	S116 S117 S118 S119 S120 S121	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/20 13:21
S12 3	47	S122 and (@pd>"20041127")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/22 01:24
S12 6	3	("5074366" "5111893" "5168942"). PN.	US-PGPUB; USPAT	OR	ON	2005/08/17 16:45
S12 7	7	("1230666").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/21 22:28
S12 8	2	("20040206547").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/22 01:21
S12 9	3	US-5168942-\$.DID. OR US-5111893-\$.DID. OR US-5074366-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/22 01:22
S13 0	1355	166/241.1,241.3,241.7,222,241.2, 241.4,241.5.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/22 01:25

## EAST Search History

S13 1	2747	366/312,325.2,308,249,254,66,195, 343.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/22 01:25
S13 2	551	175/263,319.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/22 01:25
S13 3	861	405/53,55.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/22 01:25
S13 4	1460	261/92.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/22 01:25
S13 5	868	416/140,44.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/22 01:25
S13 6	7835	S130 S131 S132 S133 S134 S135	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/09/22 01:25
S13 7	23	S136 and (@pd>"20050620")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/12 01:47
S13 8	2	("5363927").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/12 00:04
S13 9	73	("1401464"   "1427944"   "2018285"   "2218130"   "2720381"   "3189107"   "3326607"   "3528704"   "3547191"   "3881775"   "3960407"   "4050529"   "4187921"   "4497664"   "4610321"   "4687066"   "4736805"   "4798339"   "4852668"   "4930586"   "4960176"   "4991667"   "5253718").PN. OR ("5363927"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/12 00:04

## EAST Search History

S14 0	128	("0055144"   "0274740"   "0526708"   "0639036"   "1189560"   "1285347"   "1317192"   "1467480"   "1485615"   "1498463"   "1589508"   "1674392"   "1710998"   "1970063"   "20040011560"   "20040084183"   "2013457"   "2018285"   "2028285"   "2031353"   "2069482"   "2150228"   "2169502"   "2169718"   "2290502"   "2450223"   "2490350"   "2679903"   "2847189"   "3087552"   "3126065"   "3339647"   "3379266"   "3397750"   "3443648"   "3528516"   "3661205"   "3684041"   "3757876"   "3757877"   "4073351"   "4158388"   "4169510"   "4189184"   "4243099"   "4278137"   "4323129"   "4366988"   "4396076"   "4401171"   "4407376"   "4494616"   "4549630"   "4558744"   "4565252"   "4618009"   "4674579"   "4715440"   "4830105"   "4887668"   "4960173"   "5036921"   "5135058"   "5148875"   "5197553"   "5201817"   "5242017"   "5255741"   "5271472"   "5348091"   "5363927"   "5385205"   "5392862"   "5402856"   "5413183"   "5494121"   "5499687"   "5722489"   "5853054"   "5979550"   "6070677"   "6082461"   "6217260"   "6227312"   "6378626"   "6412556"   "6454000"   "6494272"   "6575255"   "6591922"   "6595301"   "6595302"   "6644422"   "6722452").PN. OR ("7007758"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/12 00:05
S14 1	1	("1427944").URPN.	USPAT	OR	ON	2006/03/12 00:12
S14 2	41	("1467480").URPN.	USPAT	OR	ON	2006/03/12 00:21
S14 3	1370	166/241.1,241.3,241.7,222,241.2, 241.4,241.5.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/12 01:03



## EAST Search History

S14 4	2739	366/312,325.2,308,249,254,66,195, 343.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/12 01:03
S14 5	556	175/263,319.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/12 01:03
S14 6	865	405/53,55.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/12 01:03
S14 7	1462	261/92.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/12 01:03
S14 8	873	416/140,44.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/12 01:03
S14 9	7858	S143 S144 S145 S146 S147 S148	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/12 01:03
S15 0	0	S149 and (@pd>"20050921")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/21 18:37